AMENDMENTS TO THE CLAIMS

Claims:

1. (original) A method of managing a telecommunications network, comprising:

storing user profile data corresponding to a user profile in a first data repository;

storing network device data corresponding to a network device in the telecommunications network in a second data repository;

detecting a request from a user for network device data corresponding to the network device, wherein the user request is associated with the user profile;

generating a data access request to the second data repository utilizing the user profile data from the first data repository; and

retrieving network device data from the second data repository in accordance with the user request.

2. (original) The method of claim 1, wherein the first data repository is a central data repository.

3. (currently amended) ~~The~~ A method of ~~claim 1, wherein the second data repository is embedded within the network device.~~ managing a telecommunications network, comprising:

storing user profile data corresponding to a user profile in a first data repository;

storing network device data corresponding to a network device in the telecommunications network in a second data repository, wherein the second data repository is embedded within the network device;

detecting a request from a user for network device data corresponding to the network device, wherein the user request is associated with the user profile;

generating a data access request to the second data repository utilizing the user profile data from the first data repository; and

retrieving network device data from the second data repository in accordance with the user request.

4. (original) The method of claim 1, wherein the first and second data repositories are databases.

5. (original) The method of claim 1, further comprising:

displaying the retrieved network device data in a user interface.

6. (original) The method of claim 1, wherein the user profile data includes an IP address assigned to the network device.

7. (original) The method of claim 6, wherein the user profile data further includes a port identification for a port on the network device.

8. (original) The method of claim 1, wherein the user profile data includes a Domain Name Server name assigned to the network device.

9. (original) The method of claim 1, wherein the user profile data includes a group access level.

10. (original) The method of claim 9, wherein the user profile data further includes a password corresponding to the group access level for gaining access to the network device.

11. (original) The method of claim 1, wherein the user profile data includes an simple network management protocol (SNMP) community string.

12. (original) The method of claim 1, wherein the user profile data includes one or more group names corresponding to the network device and wherein generating a data access request to the second data repository using user profile data from the first data repository comprises:

generating a data access request to the second data repository for each group name in the user profile data; and

wherein retrieving network device data from the second data repository in accordance with the user request, comprises, for each data access request:

searching the second data repository for the group name corresponding to the data access request; and

retrieving network device data from the second data repository corresponding to the group name if the group name corresponding to the data access request is found in the second data repository.

13. (original) The method of claim 12, wherein the network device data retrieved from the second data repository comprises configured resource data.

14. (original) The method of claim 12, wherein retrieving network device data from the second data repository corresponding to the group name, comprises:

using the group name to dynamically determine which data in the second data repository is retrieved.

15. (currently amended) The method of claim 12, wherein the first and second data repositories are, respectively, first and second databases and wherein retrieving network device data from the second database corresponding to the group name, comprises:

using the group name in a database query to actively filter which data in the second database is retrieved.

16. (original) The method of claim 15, wherein generating a data access request to the second database for each group name in the user profile data from the first database comprises:

generating a where clause including the group name; and

sending the where clause to the second database.

17. (currently amended) The method of claim 1, wherein the first and second data repositories are, respectively, first and second relational databases and the user profile data is stored in at least one table within the first database and network device data is stored in at least one table within the second database.

18. (original) The method of claim 1, further comprising:

generating a user profile logical managed object (LMO) including at least a portion of the user profile data from the first data repository; and

wherein generating a data access request to the second data repository utilizing the user profile data from the first data repository, comprises:

generating a data access request to the second data repository utilizing the user profile data from the user profile LMO.

19. (original) The method of claim 18, wherein prior to generating a user profile LMO, the method further comprises:

detecting a user log-on request.

20. (original) The method of claim 1, wherein detecting a request from a user for network device data, comprises:

detecting the user request through a network management system (NMS) client; and

sending the user request from the NMS client to an NMS server;

wherein the NMS server generates the data access request to the second data repository utilizing the user profile data from the first data repository and retrieves network device data from the second data repository in accordance with the user request; and

wherein the method further comprises:

sending the retrieved network device data from the NMS server to the NMS client.

21. (original) The method of claim 20, further comprising:

generating a user profile logical managed object (LMO) at the NMS server, wherein the user profile LMO includes at least a portion of the user profile data from the first data repository;

sending the NMS client the user profile LMO; and

wherein generating a data access request to the second data repository utilizing the user profile data from the first data repository, comprises:

generating a data access request to the second data repository utilizing the user profile data from the user profile LMO.

22. (original) The method of claim 20, further comprising:

generating a user profile LMO at the NMS server, wherein the user profile LMO includes at least a portion of the user profile data from the first data repository;

generating a client user profile LMO at the NMS server, wherein the client user profile LMO includes at least a portion of the user profile data from the first data repository in a format expected by the NMS client;

sending the client user profile LMO to the NMS client; and

wherein generating a data access request to the second data repository utilizing the user profile data from the first data repository, comprises:

generating a data access request to the second data repository utilizing the user profile data from the client user profile LMO.

23. (original) The method of claim 1, wherein the user request is a first user request, the network device is a first network device and the data access request is a first data access request, and wherein the method further comprises:

storing network device data corresponding to a second network device in the telecommunications network in a third data repository;

detecting a second user request from the user for network device data corresponding to the second network device, wherein the second user request is associated with the user profile;

generating a second data access request to the third data repository utilizing the user profile data from the first data repository; and

retrieving network device data from the third data repository in accordance with the second user request.

24. (original) The method of claim 1, wherein the user profile data is first user profile data, the user is a first user, the user request is a first user request and the data access request is a first data access request, and wherein the method further comprises:

storing second user profile data corresponding to a second user profile in the first data repository;

detecting a second request from a second user for network device data corresponding to the network device, wherein the second user request is associated with the second user profile;

generating a second data access request to the second data repository utilizing the second user profile data from the first data repository; and

retrieving network device data from the second data repository in accordance with the second user request.

25. (original) The method of claim 1, wherein the user profile data is first user profile data, the user is a first user, the user request is a first user request, the network device is a first network device and the data access request is a first data access request, and wherein the method further comprises:

storing second user profile data corresponding to a second user profile in the first data repository;

storing network device data corresponding to a second network device in the telecommunications network in a third data repository;

detecting a second request from a second user for network device data corresponding to the second network device, wherein the second user request is associated with the second user profile;

generating a second data access request to the third data repository utilizing the second user profile data from the first data repository; and

retrieving network device data from the third data repository in accordance with the second user request.

26. (original) A method of managing a telecommunications network, comprising:

storing user profile data corresponding to a user profile in a first data repository, wherein the user profile data includes a group name;

storing network device data corresponding to a network device in the telecommunications network in a second data repository;

detecting a request from a user for network device data corresponding to the network device, wherein the user request is associated with the user profile;

generating a data access request to the second data repository utilizing the user profile data from the first data repository, wherein the data access request includes the group name; and

retrieving network device data from the second data repository in accordance with the group name.

27. (original) The method of claim 26, wherein the first data repository is a central data repository.

28. (original) The method of claim 26, wherein the second data repository is embedded within the network device.

29. (original) The method of claim 26, wherein the first and second data repositories are databases.

30. (original) The method of claim 26, wherein retrieving network device data from the second data repository in accordance with the group name, comprises:

searching the second data repository for the group name; and

retrieving network device data from the second data repository corresponding to the group name if the group name is found in the second data repository.

31. (original) The method of claim 26, wherein the network device data retrieved from the second data repository comprises configured resource data associated with the group name.

32. (original) The method of claim 26, wherein retrieving network device data from the second data repository corresponding to the group name, comprises:

using the group name to dynamically determine which data in the second data repository is retrieved.

33. (currently amended) The method of claim 26, wherein the first and second data repositories are, respectively, first and second databases and wherein retrieving network device data from the second database corresponding to the group name, comprises:

using the group name in a database query to actively filter which data in the second database is retrieved.

34. (original) The method of claim 33, wherein generating a data access request to the second database comprises:

generating a where clause including the group name; and

sending the where clause to the second database.

35. (original) The method of claim 26, wherein the user profile data includes a plurality of group names and wherein generating a data access request to the second data repository utilizing the user profile data from the first data repository, comprises:

generating a data access request to the second data repository for each group name in the user profile data, wherein each data access request includes the corresponding group name; and

wherein retrieving network device data from the second data repository in accordance with the group name, comprises:

retrieving network device data from the second data repository in accordance with each group name.

36. (original) A method of managing a telecommunications network, comprising:

storing user profile data corresponding to a user profile in a central data repository;

detecting a user log-on request corresponding to the user profile through a network management system (NMS); and

generating a user profile logical managed object (LMO) using the user profile data stored in the central data repository.

37. (original) The method of claim 36, further comprising:

storing network device data in a network device data repository embedded within a network device in the telecommunications network, wherein the data corresponds to configured resources within the network device;

detecting through the NMS a request for data corresponding to the configured resources within the network device from a user associated with the user profile; and

retrieving network device data from the network device data repository in accordance with the user profile data and the request for data.

38. (original) The method of claim 37, wherein the user profile data includes one or more group names, wherein the user profile LMO includes the one or more group names, and wherein retrieving network device data from the network device data repository in accordance with the user profile data and the request for data, comprises:

searching the network device data repository for a match with each group name in the user profile LMO;

returning an empty data set for each group name not found in the network device data repository; and

retrieving data corresponding to configured resources from the network device data repository for each group name found in the network device data repository.

39. (original) The method of claim 37, wherein the central data repository and network device data repository comprise databases.

40. (New) A method of managing a telecommunications network, comprising:

storing user profile data corresponding to a user profile in a first data repository, wherein the first data repository is a central data repository;

storing network device data corresponding to a network device in the telecommunications network in a second data repository, wherein the second data repository is embedded within the network device;